

XHERODINASHVILI, A.Z.; CHINCHALADZE, G.G.; KHAVTASI, A.A.; DANDUROV, A.B.;
IABADZE, P.P. (Tbilisi)

Sanitary working conditions in refrigeration plants. Gig
truda i prof.zab. 3 no.2:14-15 Mr-Ap '59. (MIRA 12:6)

1. Institut gigiyeny truda i profsabolevaniy.
(REFRIGERATION AND REFRIGERATING MACHINERY ---HYGIENIC ASPECTS)

KVANCHAKHADZE, G.Sh.; DANDUROV, A.B.; KETILADZE, K.Ye.; CHINCHALADZE,
G.G.; KURASHVILI, M.Ye. (Tbilisi)

Silicosis hazards at the Chiatura manganese mines. Gig. truda i
prof. zab. 4 no. 7:48-49 J1 '60 (MIRA 13:8)

1. Institut gigiyeny truda i profzabolevaniy im. N.I. Makhviladze.
(CHIATURA—LUNGS—DUST DISEASES)
(MANGANESE—PHYSIOLOGICAL EFFECT)

CHINCHALADZE, L.M., kandidat biologicheskikh nauk, Tbilisi.

~~CHINCHALADZE, L.M.~~
Gymnodactylus caspius in Georgia. Priroda 45 no.10:114 0 '56.
(Georgia--Lizards) (MLRA 9:11)

~~CHINGHALADZE, Iyubov' Mikheylovna; KALANDADZE, L., prof., red.;~~
~~KOBIDZE, L., red.12d-VL; KODUA, A., tekhn.red.~~

[Passerine birds of Kartlia and their economic significance]
(Vorob'inye (Passeres) Kartli i ikh khosiaistvennoe znachenie)
Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR. 1958. 136 p.
[In Georgian] (MIRA 11:12)
(Kartlia--Passeriformes)

CHINGHALADZE, L.M.

Passerine birds of economic importance in Kartlia (eastern Georgia). Trudy Probl. i tem. sov. no.9:112-118 '60.

(MIRA 13:9)

1. Gosudarstvennyy muzey Gruzii im. akad. S. Dzhanashvili.
(Kartlia--Passeriformes)

CHINCHALADZE, I.M.

Passerines of Lanchkhuti District (western Georgia).
Ornitologia no.6:484 '63. (MIRA 17:5)

CHINCHALADZE, T. G.

CHINCHALADZE, T. G. --"Acclimatization of Wood Species in Eastern Georgia
in Connection with the Vertical Zonality." * (Dissertations for Degrees
in Science and Engineering Defended at USSR Higher Educational Institutions)
Acad Sci Georgian SSR, Inst of Botany, Tbilisi, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Doctor of Biological Sciences

CHINCHALADE, T.G.

Valuable foreign woody plants in the forests of eastern Georgia.
Biul.Glav.bet.sada no.23:11-14 '55. (MLRA 9:7)

1. Institut Iesa Akademii nauk Grusinskey SSR, Tbilisi.
(Georgia--Forests and forestry)

USSR
Forestry. Forest Management.
: RZhBiol., No 6, 1959, No 24724
: Chinchalad., T. G.
: Restoration of the Eastern Spruce and the
Caucasic Fir in Eastern Georgia in Connec-
tion with Group-Selective Fellings.
: Myabrya. M., 1957, 139-144
Orig Pub : Investigation of natural regeneration was
conducted in woods about to be cleared by
group-selective fellings in Borzhoy and
Belovyan State Forests (Georgia) in spruce-
fir plantations. In openings of a small dia-
meter with a slightly developed living cover,
young spruce and fir is concentrated in
central part, becoming strongly rarefied

Category
Inst
Title
Abstract

Abstract

CHINCHALADZE, E. G.

Growth and development of some exotic tree species in eastern
Georgia. Trudy Inst. less AN Gruz. SSR 8:141-155 '58.
(MIRA 12:10)

(Georgia--Trees)

CHINCHALADZE, T.G.

Growth intensity of poplar and some fast growing tree species in
Georgia. Trudy Inst. lesa AN Gruz. SSR 10:129-143 '62.
(MIRA 17:3)

CHINCHENKO, F.F., professor; GABOVICH, R.D.

Condition and activities of laboratories of sanitary and epidemiological control stations of the Vinnitsa Province and measures for their improvements. Gig. i san. 21 no.5:49-53 My '56. (MIRA 9:8)

1. Iz Vinitzskoy oblastnoy sanitarno-epidemiologicheskoy stantsii
(LABORATORIES, MEDICAL,
of sanit. epidemiol. stations in Russia (Rus))

CHINCHENKO, Ye.I.

Electrical activity of the cerebral cortex during surgery conducted
under hypothermia. Vrach.delo no.8:829-331 Ag '57. (MLRA 10:8)

1. Kafedra obshchey khirurgii (zav. - prof. I.Ya.Deyneka) Odesskogo
meditsinskogo instituta

(ELECTROENCEPHALOGRAPHY) (HYPOTHERMIA)

CHINCHENKO, Ye.I.

Effect of aminazine on the function of the cerebral cortex.

Vrach.delo no.11:1187-1189 N'58

(MIRA 12:1)

1. Kafedra obshchey khirurgii (zav. zasl. deyatel' nauki, prof.
I.Ya. Deyneka) Odesskogo meditsinskogo instituta.

(CHLORPROMAZINE)

(CEREBRAL CORTEX)

CHINCHENKO, Ye. I.: Master Med Sci (diss) -- "Comparative evaluation of the effectiveness of hypothermy and certain other types of general anesthesia by using electroencephalography (Experimental investigation)". Odessa, 1959. 13 pp (Odessa State Med Inst im N. I. Pirogov), 200 copies (KL, No 14, 1959, 124)

CHINCHENKO, Ye.I.; DOTSENKO, A.P.

Some problems in the clinical aspects and treatment of mixed tumors
of the salivary glands. Vrach. delo no. 1:88-90 '61. (MIRA 14:4)

1. Kafedra obshchey khirurgii (zav. - zasluzhennyy deyatel' nauki
prof. I.Ya. Deyneka) pediatricheskogo i stomatologicheskogo
fakul'tetov Odesskogo meditsinskogo instituta.
(SALIVARY GLANDS—TUMORS)

DOTSENKO, A.P., kand.med.nauk; CHINCHENKO, Ye.I., kand.med.nauk

Clinical and therapeutic aspects of insufficient suture after
gastric resection. Nov.khir.arkh. no.11:60-64 '61. (MIRA 14:12)

1. Kafedra obshchey khirurgii pediatricheskogo i sanitarno-
gigiyenicheskogo fakul'teta Odeskogo meditsinskogo instituta.
(STOMACH--SURGERY) (SUTURES)

CHINCHENKO, Ye.I. (Odessa, ul. Pastera, d.11, kv.25)

Significance of splenoportography in the diagnosis of thrombosis
of the splenic vein. Klin.khir. no.7:70-72 J1 '62.

(MIRA 15:9)

1. Kafedra obshchey khirurgii (zav. - zasl. deyatel' nauki, prof.
I.Ya.Deyneka) Odesskogo meditsinskogo instituta.

(THROMBOSIS) (SPLEN--RADIOGRAPHY) (SPLENIC VEIN--DISEASES)
(PORTAL VEIN--RADIOGRAPHY)

CHINCHERA, R., doktor

Cybernetics, the future in the present. Radio no.7:21-22 J1 '60.
(Cybernetics) (MIRA 13:7)

ROMANOV, P., agronom; CHINCHEVICH, V., ekonomist

Spot seeding of oak. Nauka i parad. op. v sel'khoz. 8 no.9:44;
S '58. (MIRA 11:10)

(Oak)

CHINCHEVICH, V.I.; ROMANOV, P.P.

Ten-year experience in planting oak in clusters in the Donets
Basin. Agrobiologiya no.5:746-748 S-O '61. (MIRA 14:10)

1. Donetskii sel'skokhozyaystvennyi tekhnikum.
(Donets Basin--Oak)

L 2992-66 FSS-2/EWT(1)/FS(v)-3/FCC/EWA(d) TT/GS/GW

ACCESSION NR: AT5023643

UR/0000/65/000/000/0606/0614

AUTHOR: Dolginov, Sh. Sh.; Nalivayko, V. I.; Tyurmin, A. V.; Chincevoy, M. N. 76
72

TITLE: Experiments in the world magnetic survey program

SOURCE: Vsesoyuznaya konferentsiya po fizike kosmicheskogo prostranstva. Moscow, 1965. Issledovaniya kosmicheskogo prostranstva (Space research); trudy konferentsii. Moscow, Izd-vo Nauka, 1965, 606-614.

TOPIC TAGS: geomagnetic field, geomagnetism, secular magnetic field, secular magnetic variation, artificial earth satellite, aeromagnetometer, proton magnetometer, PM ⁴ magnetometer, PM ⁵ magnetometer

ABSTRACT: A brief review is given of the various attempts to obtain a world-wide magnetic-field map. The use of artificial earth satellites to map the earth's magnetic field is shown to be the most efficient of the various methods used. For optimum efficiency in a single experiment, a satellite must have an orbit inclined to the equatorial plane by 85°, as had several of the Cosmos series. The low-number Cosmos series (such as Cosmos-26) carried proton magnetometers aboard, which essentially measure the frequency of proton-free precession in the earth's magnetic field. The disadvantages of this type of magnetometer were

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ACCESSION NR: AT5023643

4

alleviated in the later Cosmos series (Cosmos-49), by using self-tuning magnetometers with logic circuits. One such device, designated PM-4, automatically selects and analyzes the optimum signal during a part of the free nuclear precession period of the proton. Two such devices on Cosmos-49, set 90° apart, had a measurement accuracy of 2-3 gauss. Magnetic field measurements were taken by both the Cosmos-26 and -49 vehicles at altitudes of 270-403 km and 270-490 km respectively, during March and October of 1964. Typical magnetograms from these measurements are shown separately. Recommendations are made for further scientific investigations with magnetic-field charts to better determine the earth's geomagnetic field and to correct the coefficients of the Gaussian series. Orig. art. has: 4 figures. [04]

ASSOCIATION: Vsesoyuznaya konferentsiya po fizike kosmicheskogo prostranstva, Moscow (All-Union Conference on Space Physics)

SUBMITTED: 02Sep65

44,55
ENCL: 00

SUB CODE: ES,SV

NO REF SOV: 005

OTHER: 004

ATD PRESS: 4/110

Card 2/2 *md*

DVORNITSKIY, Georgiy Stepanovich. Prinimali uchastiye: DEMINA, N.V.,
inzh.; TALYZIN, M.D., kand.tekhn.nauk; MAZOV, Yu.A., kand.
tekhn.nauk. CHINCHIRADZE, I.G., retsenzent; VESNOVSKIY, V.D.,
retsenzent; ORLOVA, L.A., red.; SEVAST'YANOV, A.G., red.;
MEDVEDEV, L.Ya., tekhn.red.

[Twisting and rewinding of silk in the manufacture of synthetic
fibers] Kruchenie i peremotka shelka v proizvodstve khimi-
cheskikh volokon. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
legkoi promyshl., 1959. 189 p. (MIRA 13:8)
(Rayon) (Textile machinery)

AUTHORS: Asbelov, N.Y., Tsalyuk, Z.B., and Chinchkin, E.S. SOV/140 58-2-1/20

TITLE: On the Non-Oscillation of the Solutions of Second Order Non-Linear Equations (O neostsillyatsii resheniy nelineynykh uravneniy vtorogo poryadka)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy Ministerstva vysshego obrazovaniya SSSR, Matematika, 1958, Nr 2, pp 3-4 (USSR)

ABSTRACT: The authors consider conditions under which the difference of two arbitrary solutions of

$$(1) \quad y'' = f(x, y)$$

has not more than one zero on the given interval (a, b) . With the notations of the paper of Asbelov and Tsalyuk [Ref 1] the authors formulate and prove two theorems in which the problem for (1) is reduced to the same problem for $y'' - qy = 0$, where q is a certain constant depending on $f(x, y)$. The results of [Ref 1] are used essentially.

There are 2 Soviet references.

ASSOCIATION: Ishevskiy mekhanicheskiy institut (Ishevsk Mechanical Institute)

SUBMITTED: November 28, 1957

Card 1/1

MASLOV, Ivan Nikolayevich; CHIZHOVA, Klavdiya Nikolayevna; SHKVARKINA, Tat'yana Ivanovna; ZAPENINA, Nina Vasil'yevna; ZAGLODINA, Fedosiya Ivanovna; PLOTHNIKOV, P.M., kand.tekhn.nauk, retsenzent; CHINCHUK, A.M., inzh., retsenzent; PRITYKINA, L.A., red.; SOKOLOVA, L.A., tekhn.red.

[Technological and chemical control of the baking industry] Tekhnokhimicheskii kontrol' khlebopekarnogo proizvodstva. Izd.3., perer. i dop. Moskva, Pishchepromizdat, 1960. 359 p. (MIRA 13:9)
(Bakers and bakeries)

ANDRIANOV, K.I.; CHINGHUK, P.Yu.

Engraving of the kilometer grid. Geod. i kart. no. 12:43-
44 D '60. (MIRA 14:1)
(Map printing)

CHINCHUK, V. (Khar'kov)

It is necessary to raise the quality of dried vegetables. Sov.
torg. no.4:53-54 Ap '57. (MLRA 10:4)
(Vegetables---Evaporation)

BURDUJA, I., conf.; MARCHIS, Olimpia, lector ing.; STEFANESCU,
I., prof.; CHINCIU, D., ing.

Series production of spare parts for accidnetal repairs
in wasving mills, an imporatatnt reserve of production
capacity. Ind text Rum 15 no. 2:76-85 F '64.

CHINCIP, D., Ing.; HAFNER, H., Ing.

Increasing winding speed of the H B machines. Ind text Rom 15
no.4:172-178 Ap '64.

Neurology

RUMANIA

616.981.71:616.853

BABES, V. T., SARATEANU, D., POPESCU, Georgeta, DEMETRESCU, R.,
and CHINDEA, Victoria [affiliation not given]

"Studies on the Rickettsial and Pararickettsial Etiology of
Epilepsy and Neuropsychic Illnesses in Children."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17,
No 3, 66, pp 181-187.

Abstract: The authors studied experimentally and serologically
129 cases of epilepsy and 85 cases of patients suffering from
other neuropsychic disorders with the aim of determining whether
rickettsial and pararickettsial organisms play any part in the
etiology of the diseases. The results were not conclusive but
lead the authors to suggest a strong possibility that an in-
fectious microbial factor is involved.

Includes 2 tables, 2 figures and 13 references, of which
one German and 12 Rumanian.

BYALOBZHESKIY, G.V.; DYUNIN, A.K.; KOMAROV, A.A.; CHINDIN, V.V.

Maintenance of roads in the Far North in winter. Avt.dor. 25
no.1:20-22 Ja '62. (MIRA 15:2)
(Russia, Northern—Snow fences)

CHINDLER, N.; POPA, S.

Technical and economic considerations on the utilization of manganese ores in the furnances of the G. Gherorghlu-Dej Iron Metallurgic Trust in Hunedoara. p. 222.

METALURGIA SI CONSTRUCTIA DE MASNI. Bucuresti, Rumania; Vol. 11, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no.9, ^{Sept.}1959

Uncl.

CHINDONOVA, Yu.G.

BIRSHTEYN, Ya.A.; VINOGRADOV, M.Ye.; CHINDONOVA, Yu.G.

Vertical zonation of plankton of the Kuril--Kamchatka marine depression. Dokl.AN SSSR 95 no.2:389-392 Mr '54. (MLRA 7:3)

1. Institut okeanologii Akademii nauk SSSR. 2. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Okhotsk, Sea of--Plankton) (Plankton--Okhotsk, Sea of)

CHINDOMOVA, Yu.G.

~~CHINDOMOVA, Yu.G.~~
Chaetognatha of the Kurile-Kamchatka Trench. Trudy Inst.
okean.no.12:298-310 '55. (MIRA 8:9)
(Kurile Trench--Chaetognatha)

BERSHTEYN, Ya.A.; VINOGRADOV, M.Ye.; ~~CHINDONOVA, Yu.G.~~

Vertical distribution of plankton in the Kurile-Kamchatka Trench.
Trudy probl.i tem.sov. no.6:17-18 '56. (MLRA 9:11)

1. Institut okeanologii AN SSSR i Moskovskiy gosudarstvennyy
universitet.

(Kurile Trench--Plankton)

BIRSHTEYN, Ya.A.; CHINDONOVA, Yu.G.

Deep-sea mysids of the northwestern part of the Pacific Ocean.
Trudy Inst. okean. 27:258-355 '58. (MIRA 11:4)
(Pacific Ocean—Schizopoda)

CHINDONOVA, Yu.G.

Feeding habits in certain groups of deep-sea macroplankton in
the northwestern part of the Pacific Ocean. Trudy Inst.ocean.
30:166-189 '59. (MIRA 13:5)
(Pacific Ocean--Zooplankton)
(Animals, Food habits of)

BIRSHTEYN, Ya.A.; CHINDONOVA, Yu.G.

Mysidacea collected by the Soviet Antarctic Expedition on the
diesel-electric ship "Ob'." Issl. fauny mor. 1:58-68 '62.
(MIRA 17:9)

1. Moskovskiy gosudarstvennyy universitet (for Birshteyn).
2. Institut okeanologii AN SSSR (for Chindonova).

ANDREYEVA, I.B.; CHINDONOVA, Yu.G.

Nature of sound-scattering layers. Okeanologiya 4 no.1:112-124
'64. (MIRA 17:4)

1. Akusticheskiy institut AN SSSR.

CHINDONOVA, Yu.G.; SHULEPOV, V.A.

Sound-scattering layers as indicators of internal waves in the
ocean. Okeanologiya 5 no.6:1038-1042 '65. (MIRA 19:1)

1. Akusticheskiy institut AN SSSR. Submitted July 19, 1965.

CHIMENKOV, A.V., kandidat meditsinskikh nauk

~~CHIMENKOV, A.V.~~
Osteoplastic and restorative operations in defects following resection
of the elbow joint. Ortop.travm. i protez. 17 no.6:92-93 N-D '56.
(MLRA 10:2)

1. Iz Sverdlovskogo instituta vosstanovitel'noy khirurgii (direktor -
chlen-korrespondent AMN SSSR professor F.R.Bogdanov)
(ELBOW--SURGERY)

~~CHIRNIKOV, A.V.~~ kandidat meditsinskikh nauk; FISHKIN, V.I., kandidat
meditsinskikh nauk

Method for surgical treatment of coxa vara. Ortop., travm. i protes.
18 no.2:46-47 Mr-Apr '57. (MLRA 10:8)

1. Iz Sverdlovskogo instituta vosstanovitel'noy khirurgii travmato-
logii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. F.R.
Bogdanov)
(COXA VARA, surg.)

CHIRIKOV, A.V.

BOGDANOV, F.R., professor; ~~CHIRIKOV, A.V.~~, kandidat meditsinskikh nauk;
FISHKIN, V.I., kandidat meditsinskikh nauk

Docent Georgii Ivanovich Ulitskii. Ortop., travm. i protez. 18
no.2:67 Mr-Ap '57. (MIRA 10:8)

1. Chlen-korrespondent AMN SSSR (for Bogdanov)
(ULITSKII, GEORGII IVANOVICH, 1906-)

CHIN^YAKOV, K. G. and V. M. KOL'TSIN.

Tekhnicheskoe normirovanie formovochnykh rabot. Moskva, Mashgiz, 1948.
282 p. diags.

Technical rating of molding work.

DLC: TS230.C45

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

CHINENKOV, L. A.

"Application of Pulse Technique Methods in Telegraphy." Cand Tech Sci, Moscow "Electrical Engineering Inst of Communications, 11 Mar 54, Dissertation (Vechernyaya Moskva Moscow, 26 Feb 54)

SO: SUM 186, 19 Aug 1954

SOV/162-58-3-21/26

C(5)
AUTHORS:

Chinenkov, L.A., and Demin, E.A.

TITLE:

The Future Application of Ferrites in a Television Sychrogenerator (Perspektivy primeneniya ferritov v televizionnom sinkhrogeneratore)

PERIODICAL:

Nauchnyye doklady vysshey shkoly, Radiotekhnika i elektronika, 1958, Nr 3, pp 154-161 (USSR)

ABSTRACT:

The author reviews the possible application of ferrites with a rectangular hysteresis loop in a television sychrogenerator. Here, these ferrites may be used in frequency divider circuits, pulse-shaping networks, grid synchronization circuits, circuits for the mutual synchronization of two sychrogenerators. First, the author reviews some pulse networks with ferrites, known from computer engineering, since the television sychrogenerator is based on a similar principle. Figure 1 shows a one-cycle shift register network, and figure 3 a dynamic trigger with one ferrite core. Then, the author presents two block diagrams for different versions of frequency dividers

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SOV/162-58-3-21/26

The Future Application of Ferrites in a Television Synchrogenerator

and one block diagram of a network producing control pulse sequences. The author points out the advantages of ferrites, especially since they reduce the number of vacuum tubes by 7-8 times. For example, the GS-14 synchrogenerator presently used had 43 vacuum tubes, whereby 5-6 tubes may be eliminated. Ferrites may find a wide-spread application in industrial television apparatus, since they permit the construction of simplified synchrogenerators. There are 7 diagrams, 3 graphs and 3 Soviet references.

ASSOCIATION: Novosibirskiy elektrotekhnicheskii institut svyazi
(Novosibirsk Electrical Engineering Institute of Communications)

SUBMITTED: February 24, 1958

Card 2/2

DEMIN, B.A.; CHINENKOV, L.A.

Joint use of semiconductor devices and ferrites having rectangular hysteresis loop in pulse commutation circuits. Izv. vys. ucheb. zav.; radiotekh. no.3:314-318 My-Je '58. (MIRA 11:7)

1. Rekomendovana kafedroy radiopriyemnykh ustroystv Novosibirskogo elektrotekhnicheskogo instituta svyazi.
(Transistors) (Ferrites) (Pulse techniques (Electronics))

DEMIN, E.A.; CHINENKOV, L.A.

Semiconductor current-pulse generators equipped with ferrites of rectangular hysteresis loops and used for the switching of commutation circuits. Nauch.dokl.vys.shkoly; radiotekh.i elektron. no.4:218-226 '58. (MIRA 12:6)

1. Novosibirskiy elektrotekhnicheskiy institut svyazi.
(Pulse techniques (Electronics))
(Electronic calculating machines)

SOV/106-58-9-10/17

AUTHORS: Chinenkov, L.A., and Demin, E.A.

TITLE: The Question of the Correcting Power of Start-Stop Telegraph Equipments (K voprosu ob ispravlyayushchey sposobnosti startstopnykh telegrafnykh apparatov)

PERIODICAL: Elektrosvyaz', 1958, Nr 9, pp 63 - 65 (USSR)

ABSTRACT: It is shown that with a normal law of distribution of distortion of signals the effective correcting power of a start-stop equipment is less than the nominal value by a factor of $\sqrt{2}$ times. If $W(\varphi)$ is the probability density of distortion of signal then the probability that a random excursion φ exceeds or is equal to some fixed level ϕ is given by (1). If the correcting system is assumed to act perfectly and there is no distortion of the correcting signal then when the correcting power has its nominal value ($\phi = \mu_0$) we find the probability of erroneous recording as (2). It should be noted that the upper limit of this integral is infinity while in practice there will be a finite maximum. The simplification is justified however. The distortion will be greatest when the condition shown in Fig 1 obtains and the signs of the distorted starting signal and coded signal are in

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SOV/106-58-9-10/17

The Question of the Correcting Power of Start-Stop Telegraph Equip-
ments

opposition. When the correcting signal is distorted (2) becomes (4). This latter expression is difficult to evaluate and it is preferable to introduce the concept of an averaged value of operating correcting power, defined by (5). If it is assumed that the presence of fluctuation noise distorts the signals according to a normal law, then (2) becomes (2a). The reduction from (6) to (12) then shows that the effective average correcting power in the presence of fluctuation noise is less than the nominal value by a factor of $\sqrt{2}$ times. There are: 1 figure, 4 references, all Soviet.

SUBMITTED: March 6, 1958.

Card 2/2

PHASE I BOOK EXPLOITATION

SOV/4975

Demin, E. A., and L. A. Chinenkov

Impul'snyye ustroystva na ferritakh i poluprovodnikakh v radio-elektronike (Ferrite and Semiconductor Pulse Devices in Radio Electronics) [Novosibirsk] Novosibirskoye knizhnoye izd-vo, 1959. 165.p. Errata slip inserted. 5,000 copies printed.

Ed.: P. N. Men'shikov; Tech. Ed.: Ye. M. Gostishcheva.

PURPOSE: This book is intended for readers acquainted with radio electronics and interested in new technical developments.

COVERAGE: The book examines the operating principles of ferrite and semiconductor pulse devices used in various fields of radio electronics, particularly in radio and communications engineering. Special attention is paid to the joint use of semiconductors and ferrites with a rectangular hysteresis loop. No personalities are mentioned. There are no references.

Card ~~1/4~~

CHINENKOV, L. A.

А. Я. Корнеев
Анализ спектров амплитудной модуляции

9 июня
(с 18 до 22 часов)

В. Н. Ершов,
О. В. Златов-Чуков
Генератор импульсов тока квадратичной формы

В. Н. Юрченко,
Ю. Е. Корнеев,
А. В. Афанасьев
Выявление дефектов в проводах (антеннах) с помощью ТУ-
ов и установки фототрубы и электрофотографии.

А. А. Голышев,
А. А. Тарасов
Новая система телевидения в подводных условиях

В. А. Дюков,
А. А. Чечинин,
В. Н. Шереметьев
Применение фототрубы с ТУ-ов и электрофотографии в
системе телевидения в подводных условиях

25

18 июня
(с 10 до 16 часов)

С. В. Гурьев,
В. Н. Соколов
Влияние шума на работоспособность и ре-
зультаты телевидения

М. В. Антимо
Определение предельной разрешающей способности
передающих телеканальных труб по двум типам
структурных характеристик

М. Т. Маринин,
М. Н. Жуков

Четырехканальная магнитная лента для теле-
видения

М. О. Голышев,
М. Н. Чечинин,
В. С. Калашин,
В. Н. Шереметьев

Контроль качества передачи телеканаль-
ного тракта во время работы телеканала

18 июня
(с 18 до 22 часов)

27

report submitted for the Confidential Meeting of the Scientific Technological Society of
Radio Engineering and Electrical Communications to A. S. Popov (VSEKIS), Moscow,
6-12 June, 1957

66324

SOV/162-59-1-24/27

~~9 (2, 3)~~ 6.7100

AUTHORS: ~~Chinenkov, L.A.,~~ Demin, E.A.

TITLE: A Phase Discriminator Containing Magnetic Elements
With Rectangular Hysteresis Loops

PERIODICAL: Nauchnyye doklady vysshey shkoly, Radiotekhnika i
elektronika, 1959, Nr 1, pp 206-210

ABSTRACT: The authors describe a phase discriminator circuit composed of ferrite cores with rectangular hysteresis loops, as shown in Fig 2. Such a phase discriminator may be used in multi-channel communication systems and for remote controls. The conventional phase detector circuits used in radio engineering cannot be used in telegraphy, since the incoming signals are not periodic ones. The circuit recommended by the authors is simple, reliable and economical, since the ferrite cores require power only during the remagnetization. The phase discriminator circuit was subjected to laboratory tests which showed its advantages over other existing circuits. The authors explain briefly another ver-

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A Phase Discriminator Containing Magnetic Elements With Rectangular Hysteresis Loops

sion of a phase discriminator combined with a polarized telegraph relay, shown in Fig 1. The mechanical relay may be replaced by an electronic relay and transistorized coincidence circuits. However, the electronic circuits are complicated and uneconomical. There are 2 circuit diagrams and 3 graphs.

ASSOCIATION: Novosibirskiy elektrotekhnicheskiy institut svyazi
(Novosibirsk Electrical Engineering Institute of Communications)

SUBMITTED: June 24, 1958

4

Card 2/2

AUTHORS: Chinenkov, L.A., and Demin, E.A. SOV/106-59-6-2/14
TITLE: Frequency Dividers using Ferrites and Transistors
(Deliteli chastoty s primeneniym ferritov i
poluprovodnikovyykh triodov)
PERIODICAL: Elektrosvyaz', 1959, Nr 6, pp 11-17 (USSR)

ABSTRACT: The article describes several variants of "ring", i.e. closed, shift register circuits which utilise the rectangular hysteresis loop characteristics of ferrites. These circuits can be used for counting down (frequency division) and for time switching. The basic circuit is shown in Fig 1. In the initial condition, one of the cores is magnetized, i.e. in state 1, and the remainder are in state 0. Under the action of each driving pulse, which endeavours to convert all the cores to the state 0, the state 1 is passed through the four-terminal network to the next core. The frequency of the output pulses (Fig 2) is three times lower than the frequency of the driving pulses and the output pulses of each stage are time-shifted relative to the output pulses of the next stage by $1/3$ of a period. For reliable operation, it is necessary to ensure that the 1 state is registered on one of the stages and that any other surplus 1 states

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SOV/106-59-6-2/14

Frequency Dividers using Ferrites and Transistors

are erased. This can be achieved manually or automatically. To eliminate the undesirable effects of noise, due to the hysteresis loops not being perfectly rectangular, it is usual to use a noise compensation circuit, but in frequency dividers this phenomenon can be used for self-resetting. Since the noise affects all stages, it is necessary to provide circuits to suppress any surplus 1 states. Fig 3 shows a ring circuit for a frequency divider, counting down 5 times, with automatic reset, designed on the basis of a single-path shift register with controlled discharge circuits (Refs 3, 6). The circuit is described and practical details listed. This circuit with some additions was used as a frequency divider for a television synchro-oscillator (Fig 4). The driving pulses were produced by a semiconductor blocking oscillator (3125 c/s). The circuit is fully described and oscillograms of the waveforms given.

Card 2/3

SOV/106-59-6-2/14

Frequency Dividers using Ferrites and Transistors

The dividing ratio can be easily changed by switching more stages into the circuit.

Card 3/3 There are 9 figures and 8 references, 3 of which are English and 6 Soviet.

SUBMITTED: August 27, 1958

CHINENKOV, L.A.

PHASE I BOOK EXPLOITATION

SOV/4957

Demin, Engel's Alekseyevich and Leonid Arkad'yevich Chinenkov

Registry sdviga na ferritovykh serdechnikakh v radiotekhnike (Shift Registers with Ferrite Cores in Radio Engineering) Moscow, Gosenergoizdat, 1960. 86 p. 15,000 copies printed.

Ed.: Yu. I. Vizun; Tech. Ed.: K. P. Voronin. Reviewer: A. A. Pashkov, Engineer.

PURPOSE: This book is intended for technical personnel and students in schools of higher education.

COVERAGE: The book deals with ferrite-core pulse circuits with a rectangular hysteresis loop used in radio engineering. The operation of shift registers and their use as frequency dividers, time switches, and pulse-shaping devices are reviewed in detail. Special attention is paid to the reliability of the circuits described, and to the combined use of ferrite cores and semiconductor devices. The book is based on Soviet and non-Soviet sources, although part of it is original and appears for the first time.

Card ~~1~~/4

Shift Registers (Cont.)

SOV/4957

The authors thank the staff members of the Scientific Research Laboratory of the Novosibirskiy elektrotekhnicheskiy institut svyazi (Novosibirsk Electrotechnical Institute of Communications) and in particular B. P. Shcherbakov, Engineer, and A. A. Makarov. They also thank Engineer A. A. Pashkov, reviewer of the book, and Yu. I. Vizun, the editor. There are 17 references: 13 Soviet, and 4 English.

TABLE OF CONTENTS:

Foreword	3
Ch. I. Shift Registers	
1. Basic properties of ferrite cores with a rectangular hysteresis loop	5
2. Operation of shift registers with ferrite cores having a rectangular hysteresis loop	9
3. Requirements of four-terminal communication networks in shift registers	11
4. Four-terminal communication networks with a controlled capacitor discharge circuit for single-cycle shift registers	15

Card ~~2/4~~

DEMIN, E.A.; CHINENKOV, L.A.

Automatic phase control circuit for a synchronous electronic
telegraph apparatus. *Elektrosviaz'* 14 no.2:72-74 F '60.
(MIRA 13:5)

(Telegraph)

S/187/60/000/003/002/002
A189/A026

6,6000

AUTHORS: Demin, Z.A.; ~~Chinenkov, I.A.~~; Shcherbakov, B.P.

TITLE: A TV Synchronizing Generator Assembled on Ferrites and Semiconductors

PERIODICAL: Tekhnika kino i televideniya, 1960, No. 3, pp. 53 - 57

TEXT: The authors describe the design of a TV synchronizing generator assembled on semiconductors and ferrites with a rectangular hysteresis loop. The generator was developed by the Nauchno-issledovatel'skaya laboratoriya No. 2 Novosibirskogo elektrotekhnicheskogo instituta svyazi (No. 2, Scientific Research Laboratory of the Novosibirsk Electrotechnical Institute of Communications). The synchronizing generator consists of a quartz-stabilized master oscillator, 2 pulse generators, 3 delay lines, 2 frequency dividers, 1 shift register, 3 dynamic flip-flops, 2 pulse adders and 1 trigger. The synchronizing pulses correspond to the Soviet TV-standard, ГОСТ 7845-55 (GOST 7845-55). The cells in the circuits consist of toroidal cores made of ПП-24 (PP-24) ferrites, 4 mm in diameter, Д1В (D1V) germanium diodes, П13А (P13A) transistors and 6М (6M) capacitors, 0.02 μ F. The master oscillator, output amplifiers, and trigger units are

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S/187/60/000/003/002/002
A189/A026

A TV Synchronizing Generator Assembled on Ferrites and Semiconductors

transistorized. The trigger units are assembled on П403 (P403) diffused transistors to obtain output pulses with a front duration not exceeding 0.2 μ sec. In all, the synchronizing generator contains two 6Н1П (6N1P) double triodes, 56 ferrite cores, and 40 transistors. Laboratory tests indicated that the frequency dividing and pulse-forming units of this generator have a stable operation within a 10% fluctuation of the supply voltage and at variations of the working temperature from +10 to +60°C. There are 4 figures and 3 Soviet references.

ASSOCIATION: Novosibirskiy elektrotekhnicheskiy institut svyazi (Novosibirsk Electrotechnical Institute of Communications)

Card 2/2

L 6289-66 EWI(8)/EWI(1)/EWA(2) CW
ACC NR: AP5026489 SOURCE CODE: UR/0286/65/000/019/0025/0025

INVENTOR: Chinenkov, I. A.; Demin, E. A.; Garskov, G. Kh.
55 55 55

ORG: none

TITLE: Method of correcting errors occurring at junctions of meteor bursts in meteoric radiotelegraphy equipment. Class 21, No. 175081

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 25

TOPIC TAGS: radio communication, meteoric burst communication 8
55, 12

ABSTRACT: The proposed method of correcting errors occurring at junctions of meteor bursts in equipment for meteoric radiotelegraphy is based on the repetition at the beginning of each transmission of the code combinations transmitted at the end of the preceding transmission. In order to reduce the distortions at the end of the bursts, the transmitted code combinations are counted at the transmitting end, and the correctly received code combinations are counted at the receiving end of the system. At the beginning of each burst, the last digit of the number of the transmitted combinations is transmitted and compared at the receiving end with the last digit of the number of correctly received combinations, establishing the number of the code combination with which to begin reception. [DW]

SUB CODE: EC/ SUBM DATE: 06Dec60/ ATD PRESS: 4137

Card 1/1

UDC: 621.394.147

0701 1206

L 3161-66 EWT(d)/SSS-2/EWT(1)/EWA(h) GS/GW
ACCESSION NR: AT5014718 UR/0000/65/000/000/0117/0121 20
AUTHOR: Demin, E.A.; Chinenkov, L.A.; Mikhaylovskiy, I.P.; Chesnokov, A.F. B+1
TITLE: Memory devices for systems of meteoric radiotelegraph communications 55
SOURCE: Operativnyye i postoyannyye zapominayushchiye ustroystva (Rapid and non-volatile storage); sbornik statey. Leningrad, Izd-vo Energiya, 1965, 117-121
TOPIC TAGS: meteoric communication memory, fast reading memory, slow recording memory, standby memory, radiotelegraphy 12, 55
ABSTRACT: Proposed meteoric radiotelegraph communication links require buffer memories which make possible a continuous transfer of information over a discontinuous communication channel. The memory on the transmitter side should have a high reading rate and slow recording speed while the memory on the receiver side should operate in the reverse manner. The memory described in this article can carry out simultaneous recording and reading of information and can be started and stopped almost instantaneously. With a capacity of 900 code combinations it is relatively simple while, nevertheless, it causes only insignificant reductions in the communication channel transfer rate. It utilizes direct sampling and has five operating digits plus one control digit. Orig. art. has: 3 figures.
Card 1/2

L 3161-66

ACCESSION NR: AT5014718

ASSOCIATION: none

SUBMITTED: 20Jan65

ENCL: 00

SUB CODE: DP, EC

NO REF SOV: 001

OTHER: 001

Cord 2/2 *md*

CHINENKOV, Yu. V.

Chinenkov, Yu. V. -- "Investigation of the Work of Reinforced Concrete Elements in the Presence of the Joint Action of Torsion and Bending." Central Sci Res Inst of Industrial Structures TsNIPS, Moscow, 1955 (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis', No. 24, Moscow, Jun 55, pp 91-104

AUTHORS: Chinenkov, Yu. V. and Rozhdestvenskiy, V.V. (Candidates of
Tech.Sci.) 100-5-2/10

TITLE: Use of apparatus for reinforced concrete pretensioned constructions with closely grouped reinforcement. (Opyt ekspluatatsii oborudovaniya dlya zhelezobetonnykh napryazhennykh konstruktsey s puchkovoy armaturoy).

PERIODICAL: "Mekhanizatsiya Stroitel'stva" (Mechanisation of Construction), 1957, Vol.14, No.5, pp.6 - 8 (USSR).

ABSTRACT: A double-action jack, manufactured by Glavstroyemkhanizatsiya Minmertallurgkhimstroy, is used for the pretensioning of reinforcement of reinforced concrete frames of 27 m span. The pressure installations for the jack and hand-guns for injecting cement grout into the channels were manufactured by a factory of the Ministry of Building and Road Building Machinery (Ministerstvo Stroitel'nogo i Dorozhnogo Mashinostroyeniya). The double-action jack was designed for the tensioning of reinforcement in "bundles" of 12 of 3-5 mm diameter wires. It comprises a pressure cylinder, an anchoring mechanism and a wedging mechanism (of conical shape). The wires are spaced evenly in grooves of the collar of the anchoring cone. On the application of pressure the conical head of the jack presses against the

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100-5-2/10

Use of apparatus for reinforced concrete pretensioned constructions with closely grouped reinforcement. (Cont.)

plate and the collar, with wedged in wires, together with the pressure cylinder move in reverse thus performing the tensioning. The capacity of the jack = 30 tons, the maximum movement = 300 mm. The maximum tension on the wedges = 12 tons, the piston movement of the anchoring = 50 mm, the jack is resting on a base of 40 cm². Results of the calibration of the jack are shown in Diagram 3. The discrepancy between theoretical and practical curves of calibration when loading with 10 - 30 tons = 1.9 tons. The bottom reinforcement of the above mentioned frame has 5 "bunches", each containing 12 wires of 5 mm diameter. Each "bunch" is tensioned to 18 - 20 tons, corresponding to the overall loading of 91 tons on the bottom layer. If the theoretical calibration is used for the tensioning each "bunch" is tensioned up to 2.1 t less, i.e. the total tensioning of the lower layer of the frame would be 11 - 12% smaller and the factual coefficient of safety against crazing would be between 1.07 - 1.08 instead of 1.2. It is recommended, therefore, that each jack should be checked before use. The pumping mechanism "CM-528" is designed for the double-action jack, but the hand-operated pump T-57 can also be used. The

Card 2/3

Us-

CHINENKOV, Yu.V.

CHINENKOV, Yu.V., kandidat tekhnicheskikh nauk.

Testing new prestressed reinforced concrete arch frames for roofs
of industrial buildings. *Biul. stroi. tekhn.* 14 no.5:7-10 My '57.

(MLRA 10:6)

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta
promyshlennykh sooruzheniy.

(Roofs, Concrete)

(Trusses)

SOV/97-58-12-5/13

AUTHOR: Chinenkov, Yu.V. , Candidate of Technical Sciences

TITLE: Tests of Prestressed Reinforced Concrete Slabs Used
as Roofs of Industrial Buildings (Ispytaniye predvaritel'no
napryazhennykh zhelezobetonnykh plit dlya pokrytiy
proizvodstvennykh zdaniy).

PERIODICAL: Beton i Zhelezobeton, 1958, Nr.12, pp.458-461 (USSR)

ABSTRACT: Roof slabs (type PK 01-12) measuring 3 x 6 m (see Fig.1),
designed by GIPROTIS, are used for flat industrial roofs
where normal loading is 270, 380, 490 and 680 kg/m² (Table 1).
The supporting ribs of the slabs are reinforced by high ten-
sile steel wire of 5 mm diameter with a stress limit of
14,500 kg/cm² (GOST 8480-57). Apart from the tensioned
reinforcement in the rib there is ordinary reinforcement
of cold rolled 5 mm diameter rods and stirrups, of steel
mark 25G2S. The slab is reinforced with 2 welded meshes
1,500 mm wide made from cold rolled wires. Concrete
mark 400 is used for these slabs; their weight is 2.85 t.
The calculation of the slab was carried out in accordance
with TsNIPS' (I.148-52), "Instructions on Design of
Card 1/3 Prestressed Reinforced Concrete Constructions". The

SOV/97-58-12-5/13

Tests of Prestressed Reinforced Concrete Slabs Used as Roofs of Industrial Buildings.

coefficient of resistance to crack formation was 1.2, and the margin of safety 2.1-2.2. The reinforcement was tensioned to 10,000 kg/cm², and when curing was applied, to 11,500 kg/cm². Slabs were produced and tested in the factory for reinforced concrete constructions of the Stalinskpromstroy Trust of the Kemerovskiy Sovnarkhoz (zavod zhelezobetonnykh konstruktsiy tresta Stalinsk-promstroy Kemerovskogo sovnarkh~~oz~~) in 1957. Fig.2 illustrates the scheme according to which the slabs were tested. The strength of the concrete at the time of releasing the tensioned reinforcement is given in Table 2. Fig.3 illustrates the ways in which cracks are formed along the ribs of the roof plates when subjected to loading tests. Fig.4 gives a graph showing deformation curves for the top of the rib of a combined slab type PKZhN-3. Fig.5 shows curves for various slabs and the relationship between deformation and loading. Deflection of the slab PKZhN-4 under the standard loading was 8 mm, and of slab PKZhN-3, 4.4 and 4.2 mm. A detailed description

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Tests of Prestressed Reinforced Concrete Slabs Used as Roofs of
Industrial Buildings.

of various tests carried out on both types of slabs is given. The tests showed that the strength and the resistance to crack formation of factory produced slabs correspond to the calculated values. To economise cement it is advisable to use "combined" types of slabs, in which the longitudinal ribs are made from concrete which acquires in a short time sufficient strength to withstand the stresses of pretensioning and also the stresses from the transverse ribs and the slab itself. There are 5 figures and 2 tables.

Card 3/3

VASIL'YEV, A.P., kand.tekhn.nauk; KROTOVSKIY, S.S., kand.tekhn.nauk.;
CHINENKOV, Yu.V., kand.tekhn.nauk

~~JOINTS~~ of stressed elements in prestressed concrete girders
reinforced with wire bundles. Stroil. prom. 36 no.8:22-26 Ag '58.
(MIRA 11:9)

(Girders)

CHINENKOV, Yu.V., kand.tekhn.nauk

Testing the performance of reinforced concrete elements subjected
to combined bending and torsion. Trudy NIIZHB no.5:29-53 '59.
(MIRA 12:9)

(Girders--Testing)

69035
S/097/60/000/01/011/017

15.3.200
AUTHOR: Chinenkov Yu.V., Candidate of Technical Sciences
TITLE: Problems of Reinforcing Concrete Units Subjected to
Combination of Bending and Torsion

PERIODICAL: Beton i zhelezobeton, 1960, Nr 1, pp 35 - 37 (USSR)

ABSTRACT: "Normy i tekhnicheskie usloviya proyektirovaniya zhelezo-
betonnykh konstruktsiy" (NiTU 123-55) ("Norms and Technical
Requirements for Designing Reinforced Concrete Construct-
ions" (NiTU 123-55)) recommend use of closed stirrups when
reinforcing concrete units subjected to torsion with over-
lapping ends by the length of 30 diameters. Investigations
carried out in the Institut betona i zhelezobetona ASiA
SSSR (Institute for Concrete and Reinforced Concrete ASiA
of USSR) by the author of this article together with
Candidate of Technical Sciences N.N.Lessig under the lead-
ership of Professor A.A.Gvozdev, proved that in the case
of small torsion moments which usually occur in practice,
the rigid constructional requirements do not need to be
followed. The first group of testing samples were beams
of rectangular cross-section, reinforced in the investig-
ated zone by two narrow assembled reinforcement positioned
along the side of the beam. In the second group, the
narrow assembled reinforcement was coupled into spacial

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69035

S/097/60/000/01/011/017

Problems of Reinforcing Concrete Units Subjected to Combination
of Bending and Torsion.

reinforcement by welding them together. The torsion moment was constant along the whole length of the beam and differed according to various samples, i.e. 10, 20, 30 and 40% of the magnitude of bending moment. The increased loading on the samples of first and second group caused bending, which in some cases resulted in cracks. Collapse of samples reinforced with two narrow assembled reinforcement occurred in two ways. In the first case both longitudinal and cross reinforcement reached the point of yield. The compressed edge (by bending) collapsed by crushing of concrete. In the second case, during collapse of samples due to the crushing by bending, wide oblique cracks appeared, but under this loading the reinforcement did not reach the point of yield (Figure 1a). In all the samples reinforced by rods and closed stirrups, the collapse occurred after the point of yield of the reinforcement and stirrups was reached; the appearance of oblique cracks due to the compression and bending, did not in this case cause collapse (Figure 1b). There were parts of testing samples where both bending and torsion moments appeared,

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Problems of Reinforcing Concrete Units Subjected to Combination of Bending and Torsion

as well as parts subjected only to torsion. Tests showed that together with the appearance of cracks in the zone of pure torsion, or during somewhat greater loading, cracks appeared due to the compression under bending in parts where both bending and torsion moments existed. The formula of Sen-Venan will be used when calculating main tension stresses in rectangular units subjected to torsion using experimental co-efficient 1.6. Formula is given and explained. Swedish scientist Nilender first showed on tests carried out on "T" shape cross-sections that it is justifiable to assume for this purpose that the concrete is ideally plastic material. Under this assumption, the formula for calculating the magnitude of torsion moment corresponding with the appearance of cracks is simple. Formula for rectangular cross-section is given. Graphs in Figure 2 show comparison of moments at the time when cracks appear, calculated according to formulae (1 and 2). These graphs show that when ratio of $b : h > 0.6$ the values of moments obtained using empiric formula are higher than possible limit values of moments obtained under the assumption of totally uniform distribution of internal stresses.

Card 3/4

Problems of Reinforcing Concrete Units Subjected to Combination
of Bending and Torsion

69035

S/097/60/000/01/011/017

This was proved to be correct by analysis carried out on reinforced concrete square, oblong, circular and ring-shape samples. The following conclusions can be drawn: if the magnitude of torsion moment in units was subjected to simultaneous bending, and torsion exceeds the magnitude of moment corresponding to appearance of cracks, then it is necessary to use closed stirrups. The placing of stirrups should not be wider than the width of the horizontal side; the moment at the time of appearance of cracks could be defined according to formula for plastic torsion.

Card 4/4

There are 2 figures.

CHINENKOV, Yu.V., kand.tekhn.nauk

Exhibition pavilion in Paris. Bot.i zhel.-bet. no.6:281-284
Je '60. (MIRA 13:7)

(Paris--Pavilions)
(Precast concrete construction)

CHINENKOV, Yu.V., kand. tekhn. nauk

Prestressed trusses with a span of 24 m. for 12 m. spacing of
columns. Trudy NIIIZB no. 16:87-115 '60. (MIRA 14:5)
(Prestressed concrete)
(Trusses)

DI TSZIN'-NYAO [Ti Chin-piao], prof.; CHINENKOV, Yu.V., kand.tekhn.nauk

Testing a welded joint of the lower chord of a prestressed truss
with a span of 30 m. Trudy NIIZB no.16:182-188 '60. (MIRA 14:5)
(Prestressed concrete)
(Trusses)

GVOZDEV, A.A., doktor tekhn. nauk, prof.; CHINENKOV, Yu.V., kand.
tekhn. nauk; IFTINKA, G.A., red. izd-va; KLINOVA, G.D.,
red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Handbook on the design of three-dimensional reinforced
concrete thin-walled roofs and spans] Instruktziia po pro-
ektirovaniu zhelezobetonnykh tonkostennykh prostranstven-
nykh pokrytii i perekrytii. Moskva, Gos. izd-vo lit-ry po
stroit., arkhitekt. i stroit. materialam, 1961. 334 p.

(MIRA 15:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut be-
tona i zhelezobetona, Perovo. 2. Nauchno-issledovatel'skiy
institut betona i zhelezobetona Akademii stroitel'stva i
arkhitektury (for Gvozdev, Chinenkov). 3. Deyatel'nyy
chlen Akademii stroitel'stva i arkhitektury SSSR (for
Gvozdev).

(Reinforced concrete construction)
(Roofing, Concrete)

CHINENKOV, Yu., V., kand.tekhn.nauk; KOZHEVNIKOVA, T.N., inzh.

Supporting joints of reinforced-concrete trusses. Bet. 1
zhel.-bet. no.5:229-231 My '61. (MIRA 14:6)
(Trusses)
(Reinforced concrete)

ZHUKOVSKIY, E.Z., inzh.; KOREKOVTSSEV, N.P., inzh.; CHINENKOV, Yu.V.,
kand.tekhn.nauk

Precast reinforced concrete shells in the form of 6 x 18 m. hyperbolic paraboloids for the roof of industrial buildings. Prom. stroi. 39 no.10:54-58 O '61. (MIRA 14:10)

1. Gosudarstvennyy proyektnyy institut Leningradskiy Promstroy-proyekt (for Zhukovskiy). 2. Trest Krasnoyarskshakhtostroy (for Korekovtsev). 3. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for Chinenkov).

(Roofs, Shell)

(Krasnoyarsk Territory--Precast concrete construction)

KHAYDUKOV, G.K., kand.tekhn.nauk; CHINENKOV, Yu.V., kand.tekhn.nauk

Precast reinforced concrete three-dimensional roofs abroad. Prom.
stroil. 40 no.2:52-56 '62. (MIRA 15:7)

(Roofing, Concrete) (Precast concrete construction)

CHINENKOV, Yu.V.

FRENKEL', I.M., kand. tekhn. nauk; MIRONOV, S.A., doktor tekhn. nauk, prof.; BARANOV, A.T., kand. tekhn. nauk; BUZHEVICH, G.A., kand. tekhn. nauk; MIKHAYLOV, K.V., kand. tekhn. nauk; MULIN, N.M., kand. tekhn. nauk; KHAYDUKOV, G.K., kand. tekhn. nauk; KORNEV, N.A., kand. tekhn. nauk; TESLER, P.A., kand. tekhn. nauk; BERDICHEVSKIY, G.I., kand. tekhn. nauk; VASIL'YEV, A.P., kand. tekhn. nauk; LYUDKOVSKIY, I.G., kand. tekhn. nauk; SVETOV, A.A., kand. tekhn. nauk; CHINENKOV, Yu.V., kand. tekhn. nauk; BELOBROVYI, K., inzh.; KLEVTSOV, V.A., inzh.; DOBROMYSLOV, N.S., arkh.; DESOV, A.Ye., doktor tekhn. nauk, prof.; LITVER, S.L., kand. tekhn. nauk; PISHCHIK, M.A., inzh.; SKLYAR, B.L., inzh.; POPOV, A.P., kand. tekhn. nauk; NEKRASOV, K.D., doktor tekhn. nauk, prof.; MILOVANOV, A.F., kand. tekhn. nauk; TAL', K.E., kand. tekhn. nauk; KALATUROV, B.A., kand. tekhn. nauk; KARTASHOV, K.N., red.; MAKARICHEV, V.V., kand. tekhn. nauk, red.; YAKUSHEV, A.A., inzh., nauchnyy red.; BEGA, B.A., red. izd-va; NAUMOVA, G.D., tekhn. red.

[Reinforced concrete products; present state and prospects for development] Zhelezobetonnye konstruktsii; sostoianie i perspektivy razvitiia. Pod obshchei red. K.N.Kartashova i V.V.Makaricheva. Moskva, Gosstroizdat, 1962. 279 p. (MIRA 15:8)

(Continued on next card)

FRENKEL', I.M. --- (continued) Card 2.

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Kartashov). 3. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Mironov). 4. Gosudarstvennyy institut tipovogo proyektirovaniya i tekhnicheskikh issledovaniy (for Berdichevskiy, Vasil'yev, Lyudkovskiy, Svetov, Chinenkov, Belobrovyy, Klevtsov, Dobromyslov). 4. Vsesoyuznyy gosudarstvennyy projektno-konstruktorskiy institut (for Desov, Litver, Pishchik).

(Precast concrete)

CHINENKOV, Yuriy Vasil'yevich, kand. tekhn. nauk; ZHIV, Aleksandr
Semenovich; BORODINA, I.S., red.iad-wa; KOMAROVSKAYA,
L.A., tekhn. red.

[Precast cylindrical shells of light and cellular concrete]
Sbornye tsilindricheskie obolochki s primeneniem legkogo i
tsehestogo betonov. Moskva, Gosstroizdat, 1963. 78 p.
(MIRA 16:8)

(Roofs, Shell)

CHINENKOV, Yu.V. [Cinenkovas, J.]; DAUDYARIS, P.P. [Dauderys, P.]

Study of the joints and elements of precast cylindrical shells
made from light or cellular concretes. Trudy AN Lit. SSSR. Ser.
B no. 1:205-223 '63. (MIRA 17:5)

1. Institut stroitel'stva i arkhitektury AN Litovskoy SSSR.

GORENSHTEYN, B.V., kand.tekhn.nauk; CHINENKOV, Yu.V., kand.tekhn.nauk;
ABOVSKIY, V.P., inzh.; GUTOVSKIY, E.V., inzh.; NOVIKOV, V.S.,
inzh.; PESHKIN, I.G., inzh.

Use of long cylindrical precast prestressed concrete shells. Prom.
stroil. 40 [i.e. 41] no.4:13-17 Ap '63. (MIRA 16:3)
(Roofs, Shell)

CHINENKOV, Yu.V., kand.tekhn.nauk

Precast slanting shells. Prom.stroi. 41 no.9:19-21 S '63.
(MIRA 16:11)

CHINENKOV, Yu.V., kand. tekhn. nauk; NOVIKOV, V.S., inzh.

Testing of cylindrical shells for concentrated loads. Prom.
stroil. 42 no.3:32-37 '65. (MIRA 18:7)

CHINENKOVA, V. N.

CHINENKOVA, V. N.: "Hemodynamic shifts in resectioning of the lungs under local anesthetic." Gor'kiy State Medical Inst imeni S.M. Kirov. Gor'kiy, 1956. (Dissertation for the Degree of Candidate in Medical Sciences).

Source: Knizhnaya letopis No. 28 1956 Moscow

SHMEREL'SON, M.B.; CHINENKOVA, V.N.; KAROV, V.V.; GLADYSHEVA, Z.A.

Importance of some indicators of external respiration in the evaluation of the state of the "second barrier" in mitral commissurotomy. Uch. trudy GMI no.19:22-26 '65.

(MIRA 18:8)

1. Iz kliniki gosspital'noy khirurgii i fiziologicheskogo otdela
TSentral'noy nauchno-issledovatel'skoy laboratorii Gor'kovskogo
gosudarstvennogo meditsinskogo instituta imeni S.M.Kircva.

KOZHEVNIKOVA, I.N.; CHINENKOVA, V.N.

State of the lesser circulation in patients with mitral stenosis.
Uch. trudy GMI no.19:33-36 '65. (MIRA 18:8)

1. Iz kafedry patologicheskoy anatomii i kliniki gosptal'noy
khirurgii Gor'kovskogo gosudarstvennogo meditsinskogo instituta
imeni S.M.Kirova.

UTKOV, A.A.; CHINENKOVA, V.N.; KOZHEVNIKOVA, I.N.

Röntgenological changes in the lungs immediately after a mitral commissurotomy. Uch. trudy GMI no.19:37-44 '65.

(MIRA 18:8)

1. Iz kliniki gospi'tal'noy khirurgii i kafedry patologicheskoy anatomii Gor'kovskogo gosudarstvennogo meditsinskogo instituta imeni S.M.Kirova.

SHMEREL'SON, M.B.; CHINENKOVA, V.N.; KAROV, V.V.; NOSKOVA, A.S.

Changes in the indicators of the function of external respiration
at a late date following mitral commissurotomy. Ush. trudy GMI
no.19:63-66 '65. (MIRA 18:8)

1. Iz kliniki gospi'tal'noy khirurgii i Fiziclogicheskogo otdela
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gosudarstvennogo meditsinskogo instituta imeni S.M.Kirova.